

**REMARKS**

The application has been amended herein to refer to updated sequence identifiers in conjunction with Applicant's response to the Notice to Comply mailed January 30, 2002. The replacement paragraph to the specification provided herein incorporates the updated sequence identifier. A marked-up copy of the original page of the application bearing the modified paragraph reflect the amendments in red ink. The Sequence Listing and CRF therefor are enclosed. The amendments to the application add no new matter.

Applicant has amended the Sequence Listing to correct informalities. To assist the Examiner, a marked-up copy of the prior Sequence Listing showing the changes made is enclosed.

In connection with the sequence listing submitted concurrently herewith, the undersigned hereby states that:

1. the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c), (e), (f) and (g), or § 1.825(d) and (b), respectively, are the same.
2. the submission, filed herewith in accordance with 37 C.F.R. § 1.821(g), does not include new matter.

If the fee authorized is incorrect or if any other fees are due in connection with this submission, please charge any such fee or credit any overpayment to Deposit Account No. 03-3975.

Respectfully submitted,

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Enclosures:

- 1) Statement to Support Filing and Submission
- 2) Sequence Listing (electronic, paper and marked-up copies)

reported for matriptase has been reported to be included within the translated sequence for the cDNA of MT-SP1. The cDNA of MT-SP1 is reported to have, in addition to regions coding for the three main structural regions described above for matriptase, an additional 516 nucleotides that make up a signal/anchor domain.

A "cancerous condition" is one in which the patient has a progressive human cancer, such as, leukemia, lymphomas, human melanomas, breast, gastrointestinal, such as esophageal, stomach, colon, bowel, colorectal and rectal cancers, prostate, bladder, testicular, ovarian, uterine, cervical, brain, lung, bronchial, larynx, pharynx, pancreatic, thyroid, bone, and various types of skin cancers.

A "tumor," also known as a neoplasm, is an abnormal growth of tissue resulting from uncontrolled cell replication, often related to cancer.

"Metastasis" is the spread of cancer from an original location to a new location in the body.

#### Brief Description of the Figures

Figures 1A to 1C depict certain preferred selective inhibitors of matriptase.

Figures 2A and 2B depict a synthetic scheme for the synthesis of compound 6 of Figure 1A.

Figures 3A to 3C depict the nucleic acid sequences (SEQ. ID. NO. 1) and corresponding amino acid sequence (SEQ. ID. NO. 2) for a cDNA fragment encoding the entire serine protease domain of recombinant matriptase or MTSP1 (rMAP) cloned from the human adenocarcinoma cell line PC-3 as described in Example 1.